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VALSA VITIGERA, Cke. Valsa vitis, Fckl.

"SYNOPSIS PYRENOMYCETUM," l. c., continued from p. 17.

"FUNGI EUROPÆI ET EXTRAEUROPÆI," 34th Cent.

Dr. Winter gives in this Century 43 specimens of American species. Latin descriptions accompany the following new species: Aecidium Alliicolum, Winter, on Allium stellatum, Missouri; Uromyces affinis, Winter, I and III, on Hypoxis erecta, Missouri; Lizonia (?) inæqualis, Winter, Brazil; Pleospora pezizoides, Cesati, Italy; Valsaria stellulata, Romell, Sweden; Endoxyla Populi, Romell, Sweden; Uredo flavidula; Winter, Brazil; Blitridium (?) subtropicum, Winter, Europe; Meliola Niessleana, Winter, Europe; Nectria aureola, Winter, parasitic on the Meliola Niessleana.

The two American species are described as follows:—

AECIDIUM ALLIICOLUM, Winter.—Pseudoperidia dense stipata, acervulos elongatos, plerumgue caulem ambientes sæpeque eum parum tumefacientes formantia, breve cylindrica, sursum sæpe parum dilatata, marquine crenato, subinciso, erecto vel parum recurvato, albida, ca. .5 millim. alta. Sporæ rotundato-angulatæ, aurantiacæ, 21—26 *u* diam., minutissime et dense verruculosæ. Ad folia scaposque vivos Allii stellati. Perryville, Mo., Mai, 1883, leg. C. H. Demetrio.

UROMYCES AFFINIS, Winter.—I Aecidium: Pseudoperidia gregaria, acervolos rotundatos vel plus minusve elongatos, sæpe laxos formantia, brevissime cylindrica vel fere patellæformia, margine inciso, erecto, albida ca. .25 millim. alta. Sporæ rotundato-angulatæ, aurantiacæ, minutissime verruculosæ, 17—23 *u* diam. — III, Teleutosporæ: Acervuli sparsi v. gregarii, non raro confluentes, elliptici vel plus minusve elongati, primo epidermide tecti, demum erumpentes, pulveracei, fusci. Sporæ ovatæ, ellipsoideæ vel oblongae, non raro irregulares vel pyriformes, membrana tenuissima aequali, ad apicem vel laterale (plerumque) apiculo brevi, conico, subhyalino, praeditae, fuscae, 24—30 *u* longae, 14—21 *u* crassae, episporio longitudinaliter striato, pedicello sublongo, valde fragili, hyalino suffultae. In foliis scapisque vivis Hypoxidis erectae, Perryville, Mo., Mai, 1883, leg. C. H. Demetrio.

Observ.: Diese Art steht in der Teleutosporenform dem Uromyces Erythronii, DC. sehr nahe, der sich wessentlich nur durch etwas grossere, Sporen auszeichnet, Dagegen sind die Aecidien beider Arten ganz verschieden. Mit Uromyces Hypoxides, Cooke, in Grevillea X, p. 127, hat unsere Art nichts gemein.

CORRECTION.—On p. 152 (Vol. I), in the note after Patellaria subvelate, E. & E., instead of *preceeding*, read *following*.